BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

Name of Work:- Providing open gym in Parks of Yelahanka A Sector and B Sector in ward no-04.

Estimated cost RS:-50.00 Lakhs

Agency:-Technical manager (west)KRIDL BBMP Bangalore

1st & part bill

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

1st & Part bill

Sl No	Item Name	Unit	Previous		Present Measurements			Total Up to Date	
			Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.136, I.No.18.20 of PW,P&IWTD SR 2016-17)	Cum			6.59	365.70	2409.96	6.59	2409.96
2	Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.(S.R.of PWD 2016-17, P.No.5, I.No.2.2)	Cum			45.64	233.20	10643.25	45.64	10643.25
3	Earth work excavation for foundation of building, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (KSB 2.1) (b) 2.3.5, P-5, 1-2.4)	Cum			17.82	200.34	3570.06	17.82	3570.06
4	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS	Cum			4.39	2240.84	9837.29	4.39	9837.29
5	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum			16.39	80.56	1320.38	16.39	1320.38

6	Providing and fixing precast solid concrete kerb stones made out of CC. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete P. No. 25 I. No.5.29.2	Nos			298.00	385.84	114980.32	298.00	114980.32
7	Providing and laying in position plain cement concrete of Mix CC 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.3)	Cum			27.40	5159.02	141357.15	27.40	141357.15
8	KSRB4-1.5:-Providing and laying in positionp lain cement concrete of Mix M20 with opc cement @300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.43 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.5)	Cum			17.51	5874.52	102862.85	17.51	102862.85
9	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification. P.109, I. No.14.62	Sqm			152.35	1116.18	170050.02	152.35	170050.02
10	Removing and resetting of Kerb stone I:34.18	Rmtr			450.05	65.72	29577.29	450.05	29577.29
11	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	Sqm			55.31	27.56	1524.34	55.31	1524.34
12	KSRRB M2700- Painting on Concrete Surface KSRRB M2700-12. Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint at of 1 litre for 2 sqm complete as per specifications MORTH Specification No. 800	Sqm			279.82	66.78	18686.38	279.82	18686.38

13	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 120 Item No. 15.74 of SR 2015-16).	Sqm			5.50	86.92	478.06	5.50	478.06
14	Supply and fixing of **Seated Chest Press**. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All products must carry a GS mark on it.. Size_L x W x H): 1955 x 733 x 2058 mm. Weight: 86.6 Kg Safety Area: 5545 x 4470 mm Capacity_2 Persons.	Nos			1.00	230000.00	230000.00	1.00	230000.00

15	Supply and Fixing of **Tai Chi Spinners**. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1120 x 1150 x 1620 mm. Weight: 39 Kg Safety Area: 3520 x 3550 mm Capacity_3 Persons.	Nos			1.00	115000.00	115000.00	1.00	115000.00

16	Supply and fixing of **HD Health Walker.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 1065 x 615 x 1364 mm. Weight: 51Kg. Safety Area: 4090 * 3555mm. Capacity 1 Person	Nos			1.00	140000.00	140000.00	1.00	140000.00
18	Supply and Fixing of **Rider.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.. Size_L x W x H): 910 x 655 x 1270 mm. Weight: 29.5 Kg Safety Area: 3310 x 3000 mm Capacity_1 Person.	Nos			1.00	90000.00	90000.00	1.00	90000.00

19	Supply and fixing of **Elliptical Cross Trainer.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1267 x 582 x 1764 mm. Weight: 43.5 Kg Safety Area: 4322 x 3632 mm Capacity_1 Person.	Nos			1.00	140000.00	140000.00	1.00	140000.00

20	Supply and Fixing of **Arm & Pedal Bike**. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm Capacity_1 Persons.	Nos			1.00	170000.00	170000.00	1.00	170000.00
21	Supply and fixing of **Self Weighted Rower.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must carry a GS mark on it.. Size_L x W x H): 1390 x 805 x 1100 mm. Weight: 42.4 Kg Safety Area: 3790 x 3205 mm Capacity_1 Person	Nos			1.00	165000.00	165000.00	1.00	165000.00

22	Supply and fixing of HD Squat Pushing. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 2270 x 635 x 1640 mm. Weight: 60.2Kg. Safety Area: 5300 * 3685mm. Capacity 2 Persons	Nos			1.00	215000.00	215000.00	1.00	215000.00
23	Supply and Fixing of **Bicycle.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 1000 x 498 x 1290 mm. Weight: 51.5 Kg Safety Area: 3400 x 3498 mm Capacity 1 Persons.	Nos			1.00	125000.00	125000.00	1.00	125000.00

24	Supply and fixing safety instruction board with BBMP Logo and company of manufacturing Logo finished product should have the following specification 1 inch *16 gauge sq metal frame, 2 inch by 16 gauge round pipe powder coated ,Fittings and clamps suited flex 2 print, sq pipe frame 1.2m x0.3m, round 3.48m by 2 inches * 16 gauge – 2 nos, flex print - 1 nos with safety instructions.	Nos			1.00	15332.00	15332.00	1.00	15332.00
25	Providing and fixing ornamental delhi benches as per design specification and fixing as per the direction of Engineer in charge of work	Nos			10.00	8500.00	85000.00	10.00	85000.00
26	Providing and fixing granite benches as per design specification and fixing as per the direction of Engineer in charge of work	Nos			10.00	10550.00	105500.00	10.00	105500.00
27	Providing and fixing dust bins as per designs, drawing specification and direction of Engineer in charge of works	Nos			9.00	4800.00	43200.00	9.00	43200.00
28	KSRB 14.6-1: Providing and resetting of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specifications (P.No 101 of I.No.14.6 in PW,P&IWTD SR 2015-16)	Sqm			215.95	457.92	98887.82	215.95	98887.82
29	KSRB 14.6-1: Providing and fixing of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specifications (P.No 101 of I.No.14.6 in PW,P&IWTD SR 2015-16)	Sqm			54.05	966.72	52251.22	54.05	52251.22
30	Lead for earthwork and disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading for earthwork (upto 10 kms) complete with all lead & lift & as per the direction of the Engineer in charges. (S.R.of PW,P & IWTD, SR 2016-17	Cum			53.65	99.64	5345.69	53.65	5345.69
						Total	**2,402,814.07**		**2,402,814.07**

						KRIDL Charges 9%	216,253.27
						Third party and QC Charges 0.5%	12,014.07
						Grand Total RS	**2,631,081.40**

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara Palike

(11)

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 21/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.1	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.136, I.No.18.20 of PW,P&IWTD SR 2016-							
	Cum							
	Shrinkage portion		1	6.10	3.60	0.30	6.59	
						Total qty	**6.59**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

21/3/17
Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 22/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.2	Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.(S.R.of PWD 2016-17, P.No.5, I.No.2.2)							
		Cum						
	B sector:-Open gym platform		1	8.00	7.50	0.35	21.00	
	Platform Approach		1	8.20	1.70	0.35	4.88	
	Toilet surrounding path way		1	4.80	1.70	0.35	2.86	
			1	3.70	2.15	0.35	2.78	
			1	5.65	(2.75+2.20)	0.35	4.89	
					2	0.35		
			1	5.30	(3.20+1.80)	0.35	4.64	
					2	0.35		
			1	5.00	2.10	0.35	3.68	
			1	2.00	(1.60+1.00)	0.35	0.91	
					2	**Total qty**	**45.64**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

22/3/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 22/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.3	Earth work excavation for foundation of building, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (KSB 2.1) (b) 2.3.5, P-5, 1-2.4)							
	Cum							
	Kerb stoneS:- For Platform		2	8.30	0.30	0.20	1.00	
			2	7.50	0.30	0.20	0.90	
	Approach		2	8.20	0.30	0.20	0.98	
	Toilet surroundingpath way		1	4.80	0.30	0.20	0.29	
			1	10.85	0.30	0.20	0.65	
			1	17.10	0.30	0.20	1.03	
			1	5.00	0.30	0.20	0.30	
	B Sector							
	seated chest press		1	0.65	0.50	0.60	0.20	
	Rider		1	0.50	0.50	0.60	0.15	
	Elipthcal cross trainer		1	0.50	0.50	0.60	0.15	
	Arm & Pedal Bike		1	0.50	0.50	0.60	0.15	
	Self weighted rower		1	0.50	0.50	0.60	0.15	
	HDSquat Pushing		1	0.50	0.50	0.60	0.15	
	Bicycle		1	0.50	0.50	0.60	0.15	
	Tai Chi Spinner		1	0.50	0.50	0.60	0.15	
	HD Health Walker		2	0.50	0.50	0.60	0.30	
	For Instruction Manual		2	0.50	0.50	0.50	0.25	
	Shrinkage portion		1	6.10	3.60	0.50	10.98	
							17.92	
	(-)Approach portion		1	1.70	0.30	0.20	0.10	
						Total Qty	**17.82**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

22/3/17
Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 25/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.4	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS							
	Cum							
	Shrinkage portion		1	6.10	3.60	0.20	4.39	
						Total qty	**4.39**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

25/3/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 27/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.5	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.							
	Cum							
	platform		1	8.00	7.50	0.20	12.00	
	Shrinkage portion		1	6.10	3.60	0.20	4.39	
						Total Qty	**16.39**	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

27/3/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

(16)

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 28/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.6	Providing and fixing precast solid concrete kerb stones made out of CC. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete P. No. 25 I. No.5.29.2							
	No,s							
	Kerb stone		2	8.30			16.60	
			2	7.50			15.00	
	For Approach		2	8.20			16.40	
	Toilet surroundingpath way		1	4.80			4.80	
			1	10.85			10.85	
			1	17.10			17.10	
			1	5.00			5.00	
	Missing kerbs		6	0.45			2.70	
			5	0.45			2.25	
			12	0.45			5.40	
			8	0.45			3.60	
			4	0.45			1.80	
			10	0.45			4.50	
			12	0.45			5.40	
			9	0.45			4.05	
			6	0.45			2.70	
			8	0.45			3.60	
			11	0.45			4.95	
			4	0.45			1.80	
			6	0.45			2.70	
			10	0.45			4.50	
							135.70	
	(-)Approach portion		1	1.70			1.70	
							134.00	
	(1kerb=0.45 Mtr)				297.78		298.00	
						Total Qty	**298.00**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

28/3/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 31/3/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.7	Providing and laying in position plain cement concrete of Mix CC 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.3)							
		sqm						
	platform		1	8.00	7.50	0.15	9.00	
	Approach		1	8.20	1.70	0.15	2.09	
	Toilet surrounding path way		1	4.80	1.70	0.15	1.22	
			1	3.70	2.15	0.15	0.00	
			1	5.65	(2.75+2.20)	0.15	2.10	
					2			
			1	5.30	(3.20+1.80)	0.15	1.99	
					2			
			1	5.00	2.10	0.15	1.58	
			1	2.00	(1.60+1.00)	0.15	0.39	
					2			
	Kerb stoneS:- For Platform		2	8.30	0.30	0.15	0.75	
			2	7.50	0.30	0.15	0.68	
	Approach		2	8.20	0.30	0.15	0.74	
	Toilet surroundingpath way		1	4.80	0.30	0.15	0.22	
			1	10.85	0.30	0.15	0.49	
			1	17.10	0.30	0.15	0.77	
			1	5.00	0.30	0.15	0.23	
	Missing kerbs		6	0.45	0.30	0.10	0.08	
			5	0.45	0.30	0.10	0.07	
			12	0.45	0.30	0.10	0.16	
			8	0.45	0.30	0.10	0.11	
			4	0.45	0.30	0.10	0.05	
			10	0.45	0.30	0.10	0.14	
			12	0.45	0.30	0.10	0.16	
			9	0.45	0.30	0.10	0.12	
			6	0.45	0.30	0.10	0.08	
			8	0.45	0.30	0.10	0.11	
			11	0.45	0.30	0.10	0.15	
			4	0.45	0.30	0.10	0.05	
			6	0.45	0.30	0.10	0.08	
			10	0.45	0.30	0.10	0.14	
	B Sector							
	seated chest press		1	0.65	0.50	0.15	0.05	
	Rider		1	0.50	0.50	0.15	0.04	
	Elipthcal cross trainer		1	0.50	0.50	0.15	0.04	
	Arm & Pedal Bike		1	0.50	0.50	0.15	0.04	
	Self weighted rower		1	0.50	0.50	0.15	0.04	
	HDSquat Pushing		1	0.50	0.50	0.15	0.04	
	Bicycle		1	0.50	0.50	0.15	0.04	
	Tai Chi Spinner		1	0.50	0.50	0.15	0.04	
	HD Health Walker		2	0.50	0.50	0.15	0.08	
	For Instruction Manual		2	0.50	0.50	0.15	0.08	
	Shrinkage portion		1	6.10	3.60	0.15	3.29	
							27.48	

31/3/17

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	(-)Approach portion		1	1.70	0.30	0.15	0.08	
						Total Qty	**27.40**	

28.60

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 4/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.8	KSRB4-1.5:-Providing and laying in positionp lain cement concrete of Mix M20 with opc cement @300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.43 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.5)							
	Cum							
	Plat form		1	8.00	7.50	0.10	6.00	
	Approach		1	8.20	1.70	0.10	1.39	
	Toilet surrounding path way		1	4.80	1.70	0.10	0.82	
			1	3.70	2.15	0.10	0.80	
			1	5.65	(2.75+2.20)	0.10	1.40	
					2			
			1	5.30	(3.20+1.80)	0.10	1.33	
					2			
			1	5.00	2.10	0.10	1.05	
			1	2.00	(1.60+1.00)	0.10	0.26	
					2			
	Kerb stoneS:- For Platform		2	8.30	0.075	0.10	0.12	
			2	7.50	0.075	0.10	0.11	
	Approach		2	8.20	0.075	0.10	0.12	
	Toilet surroundingpath way		1	4.80	0.075	0.10	0.04	
			1	10.85	0.075	0.10	0.08	
			1	17.10	0.075	0.10	0.13	
			1	5.00	0.075	0.10	0.04	
	Missing kerbs		6	0.45	0.075	0.10	0.02	
			5	0.45	0.075	0.10	0.02	
			12	0.45	0.075	0.10	0.04	
			8	0.45	0.075	0.10	0.03	
			4	0.45	0.075	0.10	0.01	
			10	0.45	0.075	0.10	0.03	
			12	0.45	0.075	0.10	0.04	
			9	0.45	0.075	0.10	0.03	
			6	0.45	0.075	0.10	0.02	
			8	0.45	0.075	0.10	0.03	
			11	0.45	0.075	0.10	0.04	
			4	0.45	0.075	0.10	0.01	
			6	0.45	0.075	0.10	0.02	
			10	0.45	0.075	0.10	0.03	
	B Sector							
	seated chest press		1	0.65	0.50	0.45	0.15	
	Rider		1	0.50	0.50	0.45	0.11	
	Elipthcal cross trainer		1	0.50	0.50	0.45	0.11	
	Arm & Pedal Bike		1	0.50	0.50	0.45	0.11	
	Self weighted rower		1	0.50	0.50	0.45	0.11	
	HDSquat Pushing		1	0.50	0.50	0.45	0.11	
	Bicycle		1	0.50	0.50	0.45	0.11	
	Tai Chi Spinner		1	0.50	0.50	0.45	0.11	
	HD Health Walker		2	0.50	0.50	0.45	0.23	
	For Instruction Manual		2	0.50	0.50	0.30	0.15	
	Shrinkage portion		1	6.10	3.60	0.10	2.20	
							17.56	

	(-)Approach portion		1	1.70	0.30	0.10	0.05	
							17.51	

Contractor's Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of velahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 5/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.9	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification. P.109, I. No.14.62							
		Sqm						
	B sector:-Open gym platform		1	8.00	7.50		60.00	
	Platform Approach		1	8.20	1.70		13.94	
	Toilet surrounding path way		1	4.80	1.70		8.16	
			1	3.70	2.15		7.96	
			1	5.65	(2.75+2.20)		13.98	
					2			
			1	5.30	(3.20+1.80)		13.25	
					2			
			1	5.00	2.10		10.50	
			1	2.00	(1.60+1.00)		2.60	
					2			
	Shrinkage portion		1	6.10	3.60		21.96	
						Total qty	**152.35**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 30/3/14

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.10	Removing and resetting of Kerb stone I:34.18							
		Rmtr						
	Park area		2	30.00			60.00	
			2	30.00			60.00	
			2	30.00			60.00	
			2	30.00			60.00	
			2	30.00			60.00	
			2	30.00			60.00	
			2	30.00			60.00	
			2	30.00			60.00	
			2	10.00			20.00	
							500.00	
	(-)Deductions for Missing Kerbs		6	0.45			2.70	
			5	0.45			2.25	
			12	0.45			5.40	
			8	0.45			3.60	
			4	0.45			1.80	
			10	0.45			4.50	
			12	0.45			5.40	
			9	0.45			4.05	
			6	0.45			2.70	
			8	0.45			3.60	
			11	0.45			4.95	
			4	0.45			1.80	
			6	0.45			2.70	
			10	0.45			4.50	
							49.95	
						Total qty	**450.05**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 5/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no11	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.							
		Sqm						
	Kerb stone		2	8.30		0.45	7.47	
			2	7.50		0.45	6.75	
	For Approach		2	8.20		0.45	7.38	
	Toilet surroundingpath way		1	4.80		0.45	2.16	
			1	10.85		0.45	4.88	
			1	17.10		0.45	7.70	
			1	5.00		0.45	2.25	
	Missing Kerbs		6	0.45		0.35	0.95	
			5	0.45		0.35	0.79	
			12	0.45		0.35	1.89	
			8	0.45		0.35	1.26	
			4	0.45		0.35	0.63	
			10	0.45		0.35	1.58	
			12	0.45		0.35	1.89	
			9	0.45		0.35	1.42	
			6	0.45		0.35	0.95	
			8	0.45		0.35	1.26	
			11	0.45		0.35	1.73	
			4	0.45		0.35	0.63	
			6	0.45		0.35	0.95	
			10	0.45		0.35	1.58	
							56.07	
	(-)Approach portion		1	1.70		0.45	0.77	
						Total Qty	**55.31**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

(24)

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 12/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.12	KSRRB M2700- Painting on Concrete Surface KSRRB M2700-12. Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint at of 1 litre for 2 sqm complete as per specifications MORTH Specification No. 800							
		Sqm						
	Kerb stone		2	8.30		0.45	7.47	
			2	7.50		0.45	6.75	
	For Approach		2	8.20		0.45	7.38	
	Toilet surroundingpath way		1	4.80		0.45	2.16	
			1	10.85		0.45	4.88	
			1	17.10		0.45	7.70	
			1	5.00		0.45	2.25	
	Kerb stones		2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	30.00		0.35	21.00	
			2	10.00		0.35	7.00	
	For seating benches	20	2	1.50	0.40		24.00	
	For Resting	20	2	1.50	0.45		27.00	
	For Legs	20	4	2.00		0.10	16.00	
							280.59	
	(-)Approach portion		1	1.70		0.45	0.77	
						Total Qty	**279.82**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 12/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.13	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 120 Item No. 15.74 of SR 2015-16).							
		Sqm						
	Dust Bins		20	0.13	0.60		1.50	
			40	1.00	0.10		4.00	
						Total Qty	**5.50**	

Contractor,s Representative

Assistant Executive Engine
Byatarayanapura Sub-divisi
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 13/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.14	Supply and fixing of **Seated Chest Press**. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All products must carry a GS mark on it.. Size_L x W x H): 1955 x 733 x 2058 mm. Weight: 86.6 Kg Safety Area: 5545 x 4470 mm Capacity_2 Persons.							
		No,s						
			1.00				1.00	
						Total Qty	**1.00**	

Contractor,s Representative
Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

13/4/17
Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 13/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.15	Supply and Fixing of **Tai Chi Spinners**. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1120 x 1150 x 1620 mm. Weight: 39 Kg Safety Area: 3520 x 3550 mm Capacity_3 Persons.							
		No,s						
			1.00				1.00	
						Total Qty	1.00	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

13/4/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 13/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.16	Supply and fixing of **HD Health Walker.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 1065 x 615 x 1364 mm. Weight: 51Kg. Safety Area: 4090 * 3555mm. Capacity 1 Person							
		No,s						
			1.00				**1.00**	
						Total Qty	**1.00**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

13/4/17

Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 13/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.18	Supply and Fixing of **Rider.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.. Size_L x W x H): 910 x 655 x 1270 mm. Weight: 29.5 Kg Safety Area: 3310 x 3000 mm Capacity_1 Person.							
		No,s						
			1.00				1.00	
						Total Qty	1.00	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

13/4/17
Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 13/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.19	Supply and fixing of **Elliptical Cross Trainer.** Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1267 x 582 x 1764 mm. Weight: 43.5 Kg Safety Area: 4322 x 3632 mm Capacity_1 Person.							
		No,s						
			1.00				**1.00**	
						Total Qty	**1.00**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

12/4/17
Assistant Executive Engineer
Project Sub Division
Bruhat Bangalore Mahanagara

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:- 13/4/17

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.20	Supply and Fixing of **Arm & Pedal Bike**. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm Capacity_1 Persons.							
		No,s						
			1.00				**1.00**	
						Total Qty	**1.00**	

Contractor,s Representative

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer
Project Sub Division

13/4/17

Assistant Executive Engineer
Project Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Providing open gym in parks of yelahanka A Sector and B sector in ward no-04.

Agency:-Technical manager (west)KRIDL BBMP Bangalore

Measure ment sheet Bill no:-1st & Part bill

Measurements taken on:-

From	TO	Unit	No	Lenth	Breadth	Depth	Quantity	Remarks
Item no.30	Lead for earthwork and disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading for earthwork (upto 10 kms) complete with all lead & lift & as per the direction of the Engineer in charges. (S.R.of PW,P & IWTD, SR 2016-17							
		Cum						
						Quantity vide item no1+2+3	70.04	
						Available soil qty vide item no-05	16.39	
						Total qty	**53.65**	

Contractor,s Representative

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